



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/729,347
Filing Date	December 5, 2003
First Named Inventor	Wakefield, Todd D.
Art Unit	
Examiner Name	
Attorney Docket Number	03760.025/5142P

Sheet 1 of 10**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
MR		US- 4,914,590	04-03-1990	Loatman et al.	
MR		US- 5,694,523	12-02-1997	Wical	
MR		US- 5,933,818	08-03-1999	Kasravi et al.	
MR		US- 20030167266-A1	09-04-2003	Saldanha et al.	
MR		US- 6,304,870	10-16-2001	Kushmerick et al.	
MR		US- 6,102,969	08-15-2000	Christianson et al.	
MR		US- 5,890,103	03-30-1999	Carus	
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MR		US- 5,887,120	03-23-1999	Wical	
MR		US- 5,918,236	06-29-1999	Wical	
MR		US- 5,930,788	07-27-1999	Wical	
MR		US- 5,940,821	08-17-1999	Wical	
MR		US- 5,953,718	09-14-1999	Wical	
MR		US- 5,963,940	10-05-1999	Liddy et al.	
MR		US- 6,038,560	03-14-2000	Wical	
MR		US- 6,061,675	05-09-2000	Wical	
MR		US- 6,076,088	06-13-2000	Paik et al.	
MR		US- 6,199,034	03-06-2001	Wical	
MR		US- 6,263,335	07-17-2001	Paik et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
MR	✓	WO-98/24016	06-04-1998	Devoino et al.		
MR	✓	WO-99/18527	04-15-1999	Batchilo et al.		
MR	✓	WO-00/14651	03-16-2000	Tsourikov et al		
MR	✓	WO-00/46703	08-10-2000	Devoino et al.		

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Sheet 2 of 10**U. S. PATENT DOCUMENTS**

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MR		US- 6,460,034	10-01-2002	Wical	
MR		US- 6,487,545	11-26-2002	Wical	
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MR		US- 6,513,006	01-28-2003	Howard et al.	
MR		US- 6,523,026	02-18-2003	Gillis	
MR		US- 6,553,385	04-22-2003	Johnson et al.	
MR		US- 6,567,805	05-20-2003	Johnson et al.	
MR		US- 6,571,235	05-27-2003	Marpe et al.	
MR		US- 6,584,470	06-24-2003	Veale	
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MR		US- 6,601,026	07-29-2003	Appelt et al.	
MR		US- 6,604,094	08-05-2003	Harris	
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MR		US- 6,618,725	09-09-2003	Fukuda et al.	
MR		US- 20030163302	08-28-2003	Yin	
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MR		US- 4,992,972	02-12-1991	Brooks et al.	
MR		US- 5,146,405	09-08-1992	Church	
MR		US- 5,614,899	03-25-1997	Tokuda et al.	
MR		US- 5,696,916	12-09-1997	Yamazaki et al.	
MR		US- 5,799,268	08-25-1998	Boguraev	
MR		US- 5,802,504	09-01-1998	Suda et al.	
MR		US- 5,844,798	12-01-1998	Uramoto	
MR		US- 5,878,385	03-02-1999	Bralich et al.	
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MR		US- 6,056,428	05-02-2000	Devoino et al.	
MR		US- 6,167,370	12-26-2000	Tsourikov et al.	
MR		US- 6,202,043	03-13-2001	Devoino et al.	
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MR		US- 4,864,502	09-05-1989	Kucera et al.	
MR		US- 4,868,750	09-19-1989	Kucera et al.	
MR		US- 4,887,212	12-12-1989	Zamora et al.	
MR		US- 4,905,138	02-27-1990	Boume	
MR		US- 4,994,966	02-19-1991	Hutchins	
MR		US- 5,068,789	11-26-1991	van Vliembergen	
MR		US- 5,083,268	01-21-1992	Hemphill et al.	
MR		US- 5,164,899	11-17-1992	Sobotka et al.	
MR		US- 5,225,981	07-06-1993	Yokogawa	
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MR		US- 5,323,316	06-21-1994	Kadashevich et al.	
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MR		US- 5,424,947	06-13-1995	Nagao et al.	
MR		US- 5,438,512	08-01-1995	Mantha et al.	
MR		US- 5,559,693	09-24-1996	Anick et al.	
MR		US- 5,682,539	10-28-1997	Conrad et al.	
MR		US- 5,687,384	11-11-1997	Nagase	

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MR		US- 5,926,784	07-20-1999	Richardson et al.	
MR		US- 5,930,746	07-27-1999	Ting	
MR		US- 5,960,384	09-28-1999	Brash	
MR		US- 5,963,894	10-05-1999	Richardson et al.	
MR		US- 5,991,539	11-23-1999	Williams	
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MR		US- 6,535,886	03-18-2003	Koontz	
MR		US- 6,553,385	04-22-2003	Johnson et al.	
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MR		US- 5,095,432	03-10-1992	Reed	
MR		US- 5,146,406	09-08-1992	Jensen	
MR		US- 5,311,429	05-10-1994	Tominaga	
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MR		US- 5,438,511	08-01-1995	Maxwell, III et al.	
MR		US- 5,475,587	12-12-1995	Anick et al.	
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MR		US- 5,594,837	01-14-1997	Noyes	
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MR		US- 5,761,631	06-02-1998	Nasukawa	
MR		US- 5,794,050	08-11-1998	Dahlgren et al.	
MR		US- 5,819,210	10-06-1998	Maxwell, III et al.	
MR		US- 5,841,900	11-24-1998	Rahgozar et al.	
MR		US- 5,878,406	03-02-1999	Noyes	
MR		US- 5,903,860	03-11-1999	Maxwell, III et al.	
MR		US- 5,963,742	10-05-1999	Williams	

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Sheet 7 of 10**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
MR		US- 5,966,686	10-12-1999	Heidorn et al.	
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MR		US- 5,995,922	11-30-1999	Penteroudakis et al.	
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MR		US- 6,023,760	02-08-2000	Karttunen	
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MR		US- 6,571,240	03-27-2003	Ho et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Mark Radtke/	Date Considered	05/10/2006
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/729,347
Filing Date	December 5, 2003
First Named Inventor	Wakefield, Todd D.
Art Unit	
Examiner Name	
Attorney Docket Number	03760.025/5142P

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**U. S. PATENT DOCUMENTS**

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MR		US- 20030078899	04-24-2003	Shanahan	

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First Named Inventor	Wakefield, Todd D.
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Attorney Docket Number	03760.025/5142P

Sheet 9 of 10**U. S. PATENT DOCUMENTS**

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MR		US- 20030126151	07-03-2003	Jung	
MR		US- 20030130976	07-10-2003	Au	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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Application Number Filing Date First Named Inventor Art Unit Examiner Name	10/729,347
	December 5, 2003
	Wakefield, Todd D.
Attorney Docket Number	03760.025/5142P

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MR		BEAN, "Corpus-Based Identification ...", 27th Annual Meeting of the Association of Computational Linguistics, June 20-26 1999, p. 373-380, University of Maryland, USA	
MR		RILOFF, "An Empirical Approach to Conceptual Case Frame Acquisition", Proceedings of the Sixth Workshop on Very Large Corpora, 1998	
MR		RILOFF, "Little Words Can Make a...", Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, 1995, pp. 130-136	
MR		RILOFF, "Using Learned Extrac...", Connectionist, Statistical, and Symbolic Approaches to Learning for Natural Language Processing, 1996, Springer-Verlag, Berlin, pp. 275-289	
MR		RILOFF, "Automatically Constructing a Dictionary for Informa...", Proceedings of the Eleventh National Conference on Artificial Intelligence, 1993, MIT Press, pages 811-816	
MR		RILOFF, "Automatically Generating Extraction Patterns from Untagged Text", Proceedings of the Thirteenth National Conference on Artificial Intelligence, 1996, pp. 1044-1049	
MR		ZICKUS, "A Software Engineering Approach to Developing an Object-Oriented Lexical Access Database and Semantic Reasoning Module", 1995, University of Delaware	
MR		GIRARDI, "An Approach to Improve the Effectiveness of Software...", Proceedings of the Third Irvine Software Symposium (ISS'93), April 30, 1993, Irvine, California, pp. 89-100	
MR		"State-of-the-art of Spoken Language Systems - a Survey", Sept. 1992, Speech Technology Centre, Aalborg University, Aalborg, Denmark	

Examiner Signature	/Mark Radtke/	Date Considered	05/10/2006
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Sheet	1	of	1
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Application Number	10/729,347
Filing Date	December 5, 2003
First Named Inventor	WAKEFIELD, Todd D.
Art Unit	2171
Examiner Name	Unassigned
Attorney Docket Number	5142 P

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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